

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Date: April 9, 2004

In re Application of:
DARRYL D. AMICK

Filed : April 9, 2004

For : SYSTEM AND METHOD FOR PROCESSING
FERROTUNGSTON AND OTHER TUNGSTEN ALLOYS,
ARTICLES FORMED THEREFROM AND METHODS FOR
DETECTING THE SAME

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicant is submitting this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 forms. The filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicant respectfully requests that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

This Information Disclosure Statement includes (1) six pages of PTO-1449 forms, and (2) a legible copy of each foreign and non-patent reference, if any, listed on the form(s). However, because this application was filed on or after July 1, 2003, no copies of U.S. patents or published U.S. patent applications are included.

A concise explanation of the relevance of each listed reference not in the English language follows:

Japanese Patent No. 52-68800 was cited by the Examiner during the prosecution of U.S. Patent No. 5,264,022 and according to the Examiner discloses using a coating of a lubricant or polymer on individual pellets of shotgun ammunition.

Japanese Patent No. 59-6305 appears to disclose a method for forming pellets by depositing the material from which the pellets are made, in a fluid form, into a quenching liquid.

Japanese Patent No. 1-142002 was cited by the Examiner during the prosecution of U.S. Patent No. 5,264,022 and according to the Examiner discloses iron-tungsten powders with a mixture of sizes.

This Information Disclosure Statement is being filed with the application or with a Request for Continued Examination of the application under 37 C.F.R. §1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding
this Information Disclosure Statement.

Respectfully submitted,

KOLISCH HARTWELL, P.C.



David S. D'Ascenzo
Registration No. 39,952
PTO Customer No. 23581
Kolisch Hartwell, P.C.
520 S.W. Yamhill Street, Suite 200
Portland, Oregon 97204
Telephone: (503) 224-6655
Facsimile: (503) 295-6679

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER MOF 314	APPLICATION NUMBER
		APPLICANT DARRYL D. AMICK	
		FILING DATE April 9, 2004	GROUP ART UNIT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	1,847,617	3/1/1932	Löwenstein et al.			
	2,119,876	6/7/1938	Corson			
	2,183,359	12/12/1939	Smithells			
	2,919,471	1/5/1960	Hechinger			
	2,995,090	8/8/1961	Daubenspeck			
	3,123,003	3/3/1964	Lange, Jr. et al			
	3,372,021	3/5/1968	Forbes et al.			
	3,623,849	11/30/1971	Benjamin			
	3,785,801	1/15/1974	Benjamin			
	3,888,636	6/10/1975	Sczerzenie et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	NO
	731,237	6/1/1955	U.K.			X	
	521,944	2/21/1956	Canada			X	

OTHER DOCUMENTS

	“Steel 3-inch Magnum Loads Our Pick For Waterfowl Hunting,” <u>Gun Tests</u> , January 1998, pp. 25-27.
	Carmichel, Jim, “Heavy Metal Showdown,” <u>Outdoor Life</u> , April 1997, pp. 73-78.
	“Federal’s New Tungsten Pellets,” <u>American Hunter</u> , January 1997, pp. 19, 48-50.

EXAMINER	DATE CONSIDERED
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	3,890,145	6/17/1975	Hivert et al.			
	3,953,194	4/27/1976	Hartline, III et al.			
	3,979,234	9/7/1976	Northcutt, Jr. et al.			
	4,027,594	6/7/1977	Olin et al.			
	4,035,115	7/12/1977	Hansen			
	4,035,116	7/12/1977	O'Brien et al.			
	4,138,249	2/6/1979	Rosof			
	4,274,940	6/23/1981	Plancqueel et al.			
	4,338,126	7/6/1982	Vanderpool et al.			
	4,383,853	5/17/1983	Zapffe			
	4,428,295	1/31/1984	Urs			
	4,488,959	12/18/1984	Agar			
	4,760,794	8/2/1988	Allen			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	52-68800	6/1977	Japan			X
	59-6305	1/13/84	Japan			X
OTHER DOCUMENTS						
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	4,762,559	8/9/1988	Penrice et al.			
	4,780,981	11/1/1988	Hayward et al.			
	4,784,690	11/15/1988	Mullendore			
	4,881,465	11/21/1989	Hooper et al.			
	4,897,117	1/30/1990	Penrice			
	4,931,252	6/5/1990	Brunisholz et al.			
	4,940,404	7/10/1990	Ammon et al.			
	4,949,644	8/21/1990	Brown			
	4,949,645	8/21/1990	Hayward et al.			
	4,960,563	10/2/1990	Nicolas			
	4,961,383	10/9/1990	Fishman et al.			
	4,990,195	2/5/1991	Spencer et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	GB 2149067	6/5/1985	U.K.			X
	1-142002	6/2/1989	Japan			X
OTHER DOCUMENTS						
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	5,069,869	12/3/1991	Nicolas et al.			
	5,088,415	2/18/1992	Huffman et al.			
	5,264,022	11/23/1993	Haygarth et al.			
	5,279,787	1/18/1994	Oltrogge			
	5,399,187	3/21/1995	Mravic et al.			
	5,527,376	6/18/1996	Amick et al.			
	5,713,981	2/3/1998	Amick			
	5,719,352	2/17/1998	Griffin			
	5,740,516	4/14/1998	Jiranek, II et al.			
	5,760,331	6/2/1998	Lowden et al.			
	5,786,416	7/28/1998	Gardner et al.			
	5,814,759	9/29/1998	Mravic et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	WO 00/37878	6/29/2000	WIPO			X

OTHER DOCUMENTS

EXAMINER	DATE CONSIDERED
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	5,820,707	10/13/1998	Amick et al.			
	5,831,188	11/3/1998	Amick et al.			
	5,847,313	12/8/1998	Beal			
	5,868,879	2/9/1999	Amick et al.			
	5,877,437	3/2/1999	Oltrogge			
	5,894,644	4/20/1999	Mravic			
	5,905,936	5/18/1999	Fenwick et al.			
	5,913,256	6/15/1999	Lowden et al.			
	5,917,143	6/29/1999	Stone			
	5,922,978	7/13/1999	Carroll			
	5,950,064	9/7/1999	Robinson et al.			
	5,963,776	10/5/1999	Lowden et al.			
	6,090,178	7/18/2000	Benini			
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	6,136,105	1024/2000	Spencer			
	6,248,150	6/19/2001	Amick			
	6,270,549	8/7/2001	Amick			
	6,371,029	4/16/2002	Beal			
	6,447,715	9/10/2002	Amick			
	6,457,417	10/1/2002	Beal			
	6,527,824	3/4/2003	Amick			
	6,527,880	3/4/2003	Amick			
	6,551,375	4/22/2003	Siddle et al.			
	6,551,376	4/22/2003	Beal			
	6,581,523	6/24/2003	Beal			
	6,591,730	7/15/2003	Beal			
	2002/0124759 A1	9/12/2002	Amick			
	2002/0152915 A1	10/24/2002	Vaughn et al.			
FOREIGN PATENT DOCUMENTS						
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